



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

5003568

C3-8-2
Job Sheet 178405



Part No: C3-8-2

Job Qty: 1 ea

Part Name: Solenoid



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 5/31/18

Job Tracking No:

Due Date: 5/31/18

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: DWG C3-8-2 Rev 3 IPP Rev A 18.04.06 new issue DP Verify DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	1 Ea	5/31/18	5/31/18	0.00	0.00	Start Up Small Fab-4		
100	Small Fab	1 pcs	5/31/18	5/31/18	0.00	0.05	Small Fab-9		A.D. DAS 38
110	QC	1 pcs	5/31/18	5/31/18	0.00	0.00	QC5		38
130	Packaging	1 pcs	5/31/18	5/31/18	0.00	0.00	Packaging3-2		9-89
140	QC21-FG	1 Ea	5/31/18	5/31/18	0.00	0.00	QC21		DAS 21 9-89

Part Op 100 - 1-Assemble as per DWG sheet 1. ***Note 32446 22-16 crimp connectors supplied loose as per note 1***
Descriptions: 130 - Bag and tag

JUN 01 2018

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
32446	Crimp Terminal	2 Ea (2 ea)	90-Start up Operation	5047075
92373A143	Spring Pin	1 Ea (1 ea)	90-Start up Operation	5060722
C3-8-2-1	Solenoid	1 Ea (1 ea)	90-Start up Operation	5076224
C3-8-2-2	Solenoid Pin Spacer	1 Ea (1 ea)	90-Start up Operation	5076266
C3-8-3	Spacer	1 Ea (1 ea)	90-Start up Operation	5076825



Container No: S076828

Part: C3-8-2
Job No: 178405
Serial No/Batch: S076828

Revision: 3
Inspector:
Exp Date: 05/31/2018
Instructions:

Dart Aerospace Ltd.
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CANADA
TEL: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Oper:
90-St

d	Inventory	Allocated
	184	0
	100	0
	0	0
	1	0
	0	0

und.

Date: 05/31/18

Plex 5/31/18 10:51 AM Dart.lajeunesse.marie

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

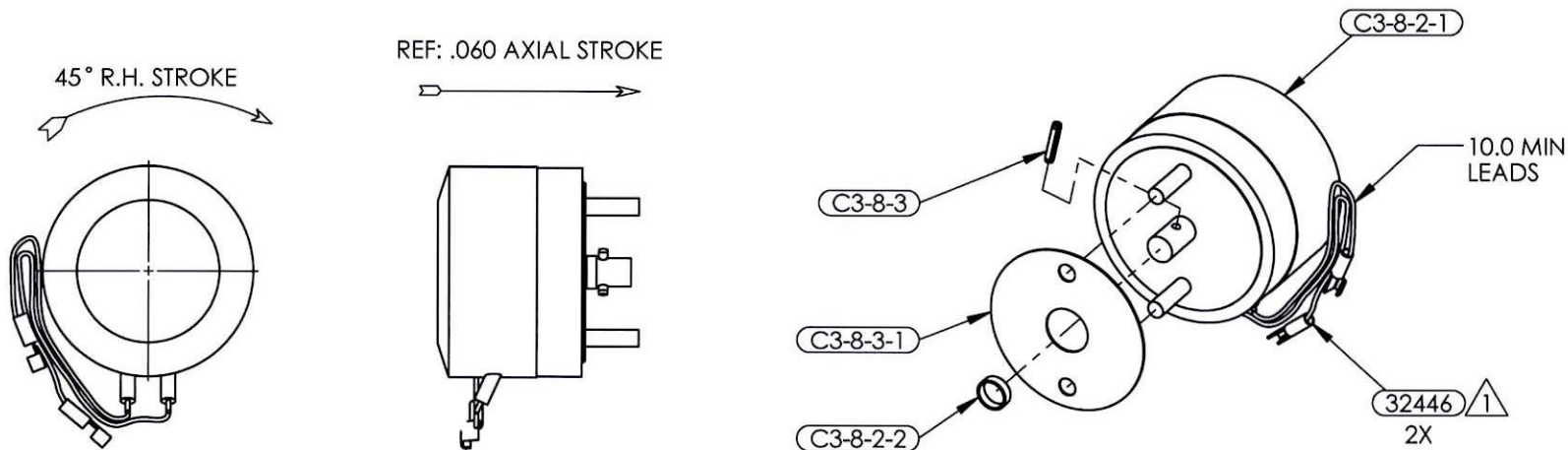
QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date : _____		Step #: _____		QTY Effective : _____		MRB (QS1042) Approval	
Description Work Order Deviation				Disposition			
				Completed By			
				Lead hand / Supervisor Approval Verification			
				QC / QA Coordinator Approval			
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐					
		OTHER : _____					

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		ADDED SPACERC3-8-31.	10/10/2012	RJC	DW
1A	14-0111	CH'D TITLE BLOCK WAS RED BARN IS DART. ADDED ENGRAVE NOTE. ADDED NOTE $\triangle 1$.	8/7/2014	DJN	RW
2	14-0195	C3-8-2-1 CH'D DIM WAS LIMITS $\varnothing.0933-.0937$ IS LIMITS $\varnothing.094-.097$. ADDED "[CLOCKWISE]" TO NOTE $\triangle 3$. CH'D NOTE 4 WAS PLACE BUSHING AND PIN IN PLACE AS SHOWN AFTER DRILLING IS INSTALL SPACER AND PIN IN PLACE AS SHOWN ON SHEET 1 AFTER DRILLING. ADDED ENGRAVE BATCH NUMBER NOTE. C3-8-3-1 CH'D DIM WAS $\varnothing2.285$ IS $\varnothing1.95$. CH'D TOLERANCE ON NON-CRITICAL DIMENSIONS.	10/23/2014	DPD	JAG
3	15-0243	UPDATED TO NEW DRAFTING STANDARDS. C3-8-3-2 DELETED; REPLACED WITH 32446 .	8/25/2015	DPD	JAG



NOTE:

$\triangle 1$ CONNECTIONS SUPPLIED LOOSE.

DART AEROSPACE	
TITLE SOLENOID ASSEMBLY	
DWG NO. C3-8-2	REV 3
MAT'L UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX $\pm$.005 FRACTIONS $\pm$ 1/8 .XX $\pm$.01 ANGLES $\pm$.5° .X $\pm$.1	
DRAWN BY: CANAM	
APPROVED <i>D Weil</i>	
HEAT TREAT	
FINISH	
SPEC	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
SCALE 1:2	DATE 12/19/2001
SHEET 1 OF 4	

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
		B/O	C3-8-2-1	1	SOLENOID		TESTCO #152951-001	1,2
			C3-8-2-2	1	SOLENOID PIN SPACER	303 S.S.		3
		B/O	C3-8-3	1	SPRING PIN	18-8 S.S.	$\varnothing3/32$ X 1/2 (MCMMASTER-CARR #92373A143)	1
		B/O	C3-8-3-1	1	SPACER	PETG		4
		B/O	32446	2	22-16 AWG KNIFE CONNECTOR		(ALLIED ELECTRONICS 32446)	1